ΑΡΙΣΤΟΤΕΛΕΙΟ ΠΑΝΕΠΙΣΤΗΜΙΟ ΘΕΣΣΑΛΟΝΙΚΗΣ
ΠΟΛΥΤΕΧΝΙΚΗ ΣΧΟΛΗ
ΤΜΗΜΑ ΠΟΛΙΤΙΚΩΝ ΜΗΧΑΝΙΚΩΝ

ΠΡΟΓΡΑΜΜΑ ΤΕΛΕΤΗΣ

Προσφώνηση
από τον Πρύτανη του Αριστοτελείου Πανεπιστημίου Θεσσαλονίκης
καθηγητή **Περικλή Α. Μήτκα**

Προσφώνηση
από τον Πρόεδρο του Τμήματος Πολιτικών Μηχανικών
καθηγητή **Παναγιώτη Ε. Πρίνο**

Έπαινος των τιμωμένων
από τον ομότιμο καθηγητή **Ηλία Χ. Αϋφαντή**

Αντιφωνήσεις και ομιλίες από τους τιμώμενους

Νομπελίστα Χημείας, Dan Shechtman

Title: *Beyond the Beauty of Crystals: Quasicrystals*

Πρόεδρο Nanyang Technological University, Subra Suresh

Title: *The Unique Properties of Materials at the Nano-scale*

Δεξίωση

ΑΡΙΣΤΟΤΕΛΕΙΟ ΠΑΝΕΠΙΣΤΗΜΙΟ ΘΕΣΣΑΛΟΝΙΚΗΣ
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ΠΡΟΣΚΛΗΣΗ

Ο Πρύτανης του Αριστοτελείου Πανεπιστημίου Θεσσαλονίκης
καθηγητής **Περικλής Α. Μήτκας**
και ο Πρόεδρος του Τμήματος Πολιτικών Μηχανικών
καθηγητής **Παναγιώτης Ε. Πρίνος**

έχουν την τιμή να σας προσκαλέσουν
στην τελετή αναγόρευσης σε επίτιμο διδάκτορα
του **Νομπελίστα Dan Shechtman,**
και του **Πρόεδρου NTU Subra Suresh,**

η οποία θα γίνει την **Παρασκευή 30 Νοεμβρίου** στις **10 π.μ.**
στην Αίθουσα Τελετών του Πανεπιστημίου,

Τον έπαινο των τιμωμένων
θα εκφωνήσει ο ομότιμος καθηγητής **Ηλίας Χ. Αϋφαντής**

Μετά την αναγόρευσή τους, οι τιμώμενοι θα μιλήσουν με θέμα:

Dan Shechtman: *Beyond the Beauty of Crystals: Quasicrystals*

Subra Suresh: *The Unique Properties of Materials at the Nano-scale*

Ο Πρύτανης
καθηγητής Περικλής Α. Μήτκας

Ο Πρόεδρος
καθηγητής Παναγιώτης Ε. Πρίνος

Professor DAN SHECHTMAN

Nobel in Chemistry 2011
Distinguished Emeritus of Technion

Dan Shechtman was born in January 1941 in Tel Aviv in what was then the British Mandate of Palestine (now Israel). He studied at the Technion/Haifa, gaining a BSc in Mechanical engineering in 1966, an MSc (1968) and a PhD (1972) in materials engineering.

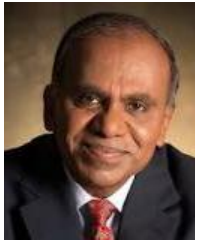
After receiving his doctorate from Technion, he continued as an NRC fellow at the Aerospace Research Laboratories of Wright Patterson AFB, Ohio, and in 1975 he joined the Department of Materials Engineering at Technion where he is currently a Distinguished Emeritus Professor, and also a Distinguished Professor of Iowa State University. During the period 1981-2004 he was several times on sabbatical at the Johns Hopkins University, (joint program with NBS-NIST).

While at Johns Hopkins, Shechtman discovered by TEM the Icosahedral Phase which opened the new science of quasiperiodic crystals. This configuration which violates the rules of conventional crystallography, was considered impossible, and Dan Shechtman had to fight a fierce battle against established science. The Nobel Prize in Chemistry that was awarded to him in 2011 has fundamentally altered how chemists conceived of solid matter.

Shechtman is a member of the Israel academy of arts and humanities, the US National Academy of Engineering, the American Association for the Advancement of Science (AAAS) and the Russian Academy of Sciences (RAS). Among others, he has received the Wolf Prize in Physics, the Gregori Aminoff Prize of the Royal Swedish Academy of Sciences and the EMRS Award.

Dan Shechtman is married to respected psychologist Prof Zipora Shechtman. They have a son, a physicist, and three daughters, all of whom are psychologists.

Professor SUBRA SURESH



President of Nanyang Technological University (NTU)
Former US National Science Foundation Director

Born in India, Prof Suresh graduated from high school at 15 and received his undergraduate degree in first class with distinction in technology from the Indian Institute of Technology (IIT) in Madras, which recognized him as a Distinguished Alumnus in 1997.

After receiving his master's from Iowa State University, he went on to complete his doctorate in mechanical engineering at MIT in just two years. Following postdoctoral research at Berkeley, he joined the faculty of engineering at Brown University in December 1983, and awarded his tenure in July 1986. He returned to MIT in 1993 as the R P Simmons Professor and served as Head of the Department of Materials Science and Engineering from 2000 to 2006.

While at MIT, Suresh was appointed by United States President Barack Obama in 2010 to lead the US National Science Foundation as Director. He was unanimously confirmed by the US Senate. As Director, he oversaw an annual budget of US $7 billion that supports fundamental research and innovation in all fields of science and engineering and related education in more than 2,000 institutions across the US and research facilities across the globe from the Arctic to Antarctica.

Suresh has been elected to the National Academies of Sciences, Engineering, and Medicine, the first university president and one of only a small number of Americans elected to all three branches. He has also been elected to the French, German, Spanish and Chinese Academies of Sciences, the American Academy of Arts and Sciences, and the US National Academy of Inventors.

Subra Suresh is married to Mary Delmar Suresh, a public health consultant. They have two daughters, both of whom are human health professionals.